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& PRESSER, P.C.**

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| <b>To:</b> Examiner Ernest G. Therkom<br>Art Unit: 1723                     | <b>From:</b> Frank S. DiGiglio<br>Registration No.: 31,346 |
| <b>Fax:</b> 571-273-8300  | <b>Pages:</b> 17 (including cover page)                    |
| <b>Phone:</b> 571-272-1149  | <b>Date:</b> December 14, 2006                             |
| <b>Re:</b> Heikki Heikkilä, et al.<br>USSN: 10/509,266<br>Our Docket: 18276 | <b>CC:</b>   |

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Acknowledge

The following is being filed with the U.S. Patent and Trademark Office via facsimile on December 14, 2006:


1. Response Under 37 C.F.R. §1.116
2. Amendment Transmittal in Dupl.
3. Certificate of Facsimile Transmission

Applicants: Heikki Heikkilä, et al.  
Serial No.: 10/509,266  
For: SEPARATION OF SUGARS, SUGAR ALCOHOLS, CARBOHYDRATES  
AND MIXTURES THEREOF  
Filed: September 27, 2004  
Docket: 18276  
Dated: December 14, 2006  
FSD:dg

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|  |  |                                       |                               |  |
|--|--|---------------------------------------|-------------------------------|--|
| <b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b>   |  |                                       | Docket No.<br><b>18276</b>    |  |
| Applicant(s): <b>Heikki Heikkilä, et al.</b>   |  |                                       |                               |  |
| Application No.<br><b>10/509,266</b>   | Filing Date<br><b>September 27, 2004</b> | Examiner<br><b>Ernest G. Therkorn</b> | Group Art Unit<br><b>1723</b> |  |
| Invention:<br><b>SEPARATION OF SUGARS, SUGAR ALCOHOLS, CARBOHYDRATES AND MIXTURES THEREOF</b>                          |  |                                       |                               |  |
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| I hereby certify that this <u><b>RESPONSE UNDER 37 C.F.R. §1.116</b></u><br><i>(Identify type of correspondence)</i>   |  |                                       |                               |  |
| is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u><b>571-273-8300</b></u> ) |  |                                       |                               |  |
| on <u><b>December 14, 2006</b></u><br><i>(Date)</i>  |  |                                       |                               |  |
| <u><b>Frank S. DiGiglio</b></u><br><i>(Typed or Printed Name of Person Signing Certificate)</i>                        |  |                                       |                               |  |
| <br><i>(Signature)</i>             |  |                                       |                               |  |
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P18/REV02

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|--|--|---------------------------------------|---|-------------------------------|---------------------------------|--|
| <b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>   |  |                                       |   |                               | Docket No.<br><b>18276</b>      |  |
| Applicant(s): <b>Heikki Heikkilä, et al.</b>   |  |                                       |   |                               |                                 |  |
| Application No.<br><b>10/509,266</b>   | Filing Date<br><b>September 27, 2004</b> | Examiner<br><b>Ernest G. Therkorn</b> | Customer No.<br><b>23389</b>  | Group Art Unit<br><b>1723</b> | Confirmation No.<br><b>5317</b> |  |
| Invention:<br><b>SEPARATION OF SUGARS, SUGAR ALCOHOLS, CARBOHYDRATES AND MIXTURES THEREOF</b>  |  |                                       |   |                               |                                 |  |
| <b>RECEIVED</b><br><b>CENTRAL FAX CENTER</b><br><b>DEC 14 2006</b>   |  |                                       |   |                               |                                 |  |
| <u>COMMISSIONER FOR PATENTS:</u>   |  |                                       |   |                               |                                 |  |
| Transmitted herewith is an amendment in the above-identified application.<br>The fee has been calculated and is transmitted as shown below.  |  |                                       |   |                               |                                 |  |
| <b>CLAIMS AS AMENDED</b>   |  |                                       |   |                               |                                 |  |
|  | CLAIMS REMAINING<br>AFTER AMENDMENT      | HIGHEST #<br>PREV. PAID FOR           | NUMBER EXTRA<br>CLAIMS PRESENT  | RATE                          | ADDITIONAL<br>FEE               |  |
| TOTAL CLAIMS   | 29 -                                     | 32 =                                  | 0   | x \$50.00                     | \$0.00                          |  |
| INDEP. CLAIMS  | 1 -                                      | 3 =                                   | 0   | x \$200.00                    | \$0.00                          |  |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>   |  |                                       |   |                               | \$0.00                          |  |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>   |  |                                       |   |                               | <b>\$0.00</b>                   |  |
| <input checked="" type="checkbox"/> No additional fee is required for amendment.<br><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____<br><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.<br><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>19-1013/SSMP</b><br><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.<br><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.<br><input type="checkbox"/> Payment by credit card. Form PTO-2038.<br><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b> |  |                                       |   |                               |                                 |  |
| <br>Signature   |  |                                       | Dated: <b>December 14, 2006</b>   |                               |                                 |  |
| <b>Frank S. DiGiglio</b><br>Registration No. 31,346<br>Scully, Scott, Murphy & Presser, P.C.<br>400 Garden City Plaza, Suite 300<br>Garden City, New York 11530<br>516-742-4343  |  |                                       | I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____<br>(Date)<br>_____<br>Signature of Person Mailing Correspondence<br>_____<br>Typed or Printed Name of Person Mailing Correspondence<br>_____ |                               |                                 |  |
| FSD:dg<br>CC:  |  |                                       |   |                               |                                 |  |

P11LARGE/REV10

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|---|--|---------------------------------------|--|-------------------------------|---------------------------------|--|---|--|--------|--|---|--|---|--|
| <b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>  |  |                                       |  |                               | Docket No.<br><b>18276</b>      |  |   |  |        |  |   |  |   |  |
| Applicant(s): <b>Heikki Heikkilä, et al.</b>  |  |                                       |  |                               |                                 |  |   |  |        |  |   |  |   |  |
| Application No.<br><b>10/509,266</b>  | Filing Date<br><b>September 27, 2004</b> | Examiner<br><b>Ernest G. Therkorn</b> | Customer No.<br><b>23389</b>   | Group Art Unit<br><b>1723</b> | Confirmation No.<br><b>5317</b> |  |   |  |        |  |   |  |   |  |
| Invention:<br><b>SEPARATION OF SUGARS, SUGAR ALCOHOLS, CARBOHYDRATES AND MIXTURES THEREOF</b>   |  |                                       |  |                               |                                 |  |   |  |        |  |   |  |   |  |
| <b>COMMISSIONER FOR PATENTS:</b>  |  |                                       |  |                               |                                 |  |   |  |        |  |   |  |   |  |
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| <b>CLAIMS AS AMENDED</b>  |  |                                       |  |                               |                                 |  |   |  |        |  |   |  |   |  |
|   | CLAIMS REMAINING<br>AFTER AMENDMENT      | HIGHEST #<br>PREV. PAID FOR           | NUMBER EXTRA<br>CLAIMS PRESENT   | RATE                          | ADDITIONAL<br>FEE               |  |   |  |        |  |   |  |   |  |
| TOTAL CLAIMS  | 29 -                                     | 32 =                                  | 0  | x \$50.00                     | \$0.00                          |  |   |  |        |  |   |  |   |  |
| INDEP. CLAIMS   | 1 -                                      | 3 =                                   | 0  | x \$200.00                    | \$0.00                          |  |   |  |        |  |   |  |   |  |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>  |  |                                       |  |                               | \$0.00                          |  |   |  |        |  |   |  |   |  |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>  |  |                                       |  |                               | <b>\$0.00</b>                   |  |   |  |        |  |   |  |   |  |
| <input checked="" type="checkbox"/> No additional fee is required for amendment.<br><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____<br><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.<br><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>19-1013/SSMP</b><br><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.<br><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.<br><input type="checkbox"/> Payment by credit card. Form PTO-2038. |  |                                       |  |                               |                                 |  |   |  |        |  |   |  |   |  |
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| <br>Signature  |  |                                       | Dated: <b>December 14, 2006</b>  |                               |                                 |  |   |  |        |  |   |  |   |  |
| <b>Frank S. DiGiglio</b><br>Registration No. 31,346<br>Scully, Scott, Murphy & Presser, P.C.<br>400 Garden City Plaza, Suite 300<br>Garden City, New York 11530<br>516-742-4343   |  |                                       | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____.</td> </tr> <tr> <td colspan="2" style="text-align: center;">(Date)</td> </tr> <tr> <td colspan="2" style="text-align: center;">_____<br/>Signature of Person Mailing Correspondence</td> </tr> <tr> <td colspan="2" style="text-align: center;">_____<br/>Typed or Printed Name of Person Mailing Correspondence</td> </tr> </table> |                               |                                 |  | I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____. |  | (Date) |  | _____<br>Signature of Person Mailing Correspondence |  | _____<br>Typed or Printed Name of Person Mailing Correspondence |  |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____.   |  |                                       |  |                               |                                 |  |   |  |        |  |   |  |   |  |
| (Date)  |  |                                       |  |                               |                                 |  |   |  |        |  |   |  |   |  |
| _____<br>Signature of Person Mailing Correspondence   |  |                                       |  |                               |                                 |  |   |  |        |  |   |  |   |  |
| _____<br>Typed or Printed Name of Person Mailing Correspondence   |  |                                       |  |                               |                                 |  |   |  |        |  |   |  |   |  |
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RESPONSE UNDER 37 C.F.R. §1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 1723

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                    |   |                  |                    |
|--------------------|---|------------------|--------------------|
| <b>Applicants:</b> | Heikki Heikkilä, et al.   | <b>Examiner:</b> | Ernest G. Therkorn |
| <b>Serial No.:</b> | 10/509,266  | <b>Art Unit:</b> | 1723               |
| <b>Filed:</b>      | September 27, 2004  | <b>Docket:</b>   | 18276              |
| <b>For:</b>        | SEPARATION OF SUGARS,<br>SUGAR ALCOHOLS,<br>CARBOHYDRATES AND<br>MIXTURES THEREOF | <b>Dated:</b>    | December 14, 2006  |

**Confirmation No.:** 5317

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Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. §1.116

Sir:

In response to the Final Office Action dated September 14, 2006, applicants submit the following amendments and remarks for entry of record in the above-identified patent application.

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: December 14, 2006

  
\_\_\_\_\_  
Frank S. DiGiglio

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